

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-33. (Cancelled).

34. (Currently Amended) A state information detection and transmission apparatus comprising:

physiological information detecting means of detecting the physiological information of a human body;

transmitting means of transmitting said physiological information detected by said physiological information detecting means; and

a wearable personal information terminal having: receiving means of receiving said physiological information from said transmitting means; and sending means of sending said physiological information received by said receiving means or physiological information generated by signal processing of said physiological information, to a predetermined base station; wherein

~~—— (1) said transmitting means transmits said physiological information detected by said physiological information detecting means to said personal information terminal in every predetermined time interval, or~~

~~—— (2) said receiving means receives said physiological information from said transmitting means in every predetermined time interval, or~~

~~—— (3) said sending means sends said physiological information to said base station in every predetermined time interval.~~

35. (Currently Amended) A state information detection and transmission method comprising the steps of:

detecting the physiological information of a human body;

transmitting said detected physiological information; and

in a wearable personal information terminal: receiving said physiological information; and sending said received physiological information or physiological information generated by signal processing of said physiological information, to a predetermined base station; ~~wherein~~

~~— (1) said detected physiological information is transmitted to said personal information terminal in every predetermined time interval, or (2) said physiological information is received in every predetermined time interval, or (3) said physiological information is sent to said base station in every predetermined time interval.~~

36. (Currently Amended) A wearable personal information terminal having: receiving means of receiving physiological information from transmitting means of transmitting physiological information detected by physiological information detecting means of detecting the physiological information of a human body; and sending means of sending said physiological information received by said receiving means or physiological information generated by signal processing of said physiological information, to a predetermined base station; ~~wherein~~

~~— (1) said receiving means receives said physiological information from said transmitting means in every predetermined time interval, or~~

~~— (2) said sending means sends said physiological information to said base station in every predetermined time interval.~~

37. (Currently Amended) A personal information processing method comprising the steps of:

receiving detected and transmitted physiological information of a human body, by a predetermined personal information terminal; and

sending said received physiological information or physiological information generated by signal processing of said physiological information, from said personal information terminal to a predetermined base station; ~~wherein~~

~~—— (1) said physiological information is received in every predetermined time interval, or (2) said physiological information is sent to said base station in every predetermined time interval.~~

38. (Currently Amended) Transmitting means of transmitting physiological information detected by physiological information detecting means of detecting the physiological information of a human body, to a predetermined personal information terminal, wherein

~~—— said transmitting means transmits said physiological information detected by said physiological information detecting means to said personal information terminal in every predetermined time interval.~~

39. (Currently Amended) A transmitting method comprising the step of transmitting detected physiological information of a human body to a predetermined personal information terminal, wherein

~~—— said detected physiological information is transmitted to said personal information terminal in every predetermined time interval.~~

40. (Currently Amended) A The state information detection and transmission apparatus according to claim 34, wherein comprising:

~~—— physiological information detecting means of detecting the physiological information of a human body;~~

~~—— transmitting means of transmitting said physiological information detected by said physiological information detecting means; and~~

~~—— a wearable personal information terminal having: receiving means of receiving said physiological information from said transmitting means; and sending means of sending said physiological information received by said receiving means or physiological information generated by signal processing of said physiological information, to a predetermined base station; wherein~~

(1) said transmitting means transmits said physiological information to said personal information terminal only when a substantial change occurs in the signal detected by said physiological information detecting means, or

(2) said sending means sends said physiological information to said base station only when a substantial change occurs in said physiological information received by said receiving means.

41.. (Currently Amended) A—The state information detection and transmission method according to claim 35, wherein~~comprising the steps of:~~

~~—detecting the physiological information of a human body;~~

~~—transmitting said detected physiological information; and~~

~~—in a wearable personal information terminal: receiving said physiological information; and sending said received physiological information or physiological information generated by signal processing of said physiological information, to a predetermined base station; wherein~~

(1) said physiological information is transmitted to said personal information terminal only when a substantial change occurs in said physiological information, or
(2) said physiological information is sent to said base station only when a substantial change occurs in said received physiological information.

42. (Currently Amended) A—The wearable personal information terminal according to claim 36, having: ~~receiving means of receiving physiological information from transmitting means of transmitting physiological information detected by physiological information detecting means of detecting the physiological information of a human body; and sending means of sending said physiological information received by said receiving means or physiological information generated by signal processing of said physiological information, to a predetermined base station; wherein~~

wherein said sending means sends said physiological information to said base station only when a substantial change occurs in said physiological information received by said receiving means.

43. (Currently Amended) ~~A~~The personal information processing method according to claim 37, comprising the steps of:

~~receiving detected and transmitted physiological information of a human body, by a predetermined personal information terminal; and~~

~~— sending said received physiological information or physiological information generated by signal processing of said physiological information, from said personal information terminal to a predetermined base station; wherein~~

wherein said physiological information is sent to said base station only when a substantial change occurs in said received physiological information.

44. (Currently Amended) The ~~Transmitting~~transmitting means according to claim 38, of transmitting physiological information detected by physiological information detecting means of detecting the physiological information of a human body, to a predetermined personal information terminal, wherein

wherein said transmitting means transmits said physiological information to said personal information terminal only when a substantial change occurs in the signal detected by said physiological information detecting means.

45. (Currently Amended) ~~A~~The transmitting method according to claim 39, comprising the step of transmitting detected physiological information of a human body to a predetermined personal information terminal, wherein

wherein said physiological information is transmitted to said personal information terminal only when a substantial change occurs in said physiological information.

46. (Original) A state information detection and transmission apparatus according to Claims 34 or 40 wherein

said transmitting means is carried with said human body,

said transmitting means further comprises uncarry detecting means of detecting that said transmitting means becomes uncarried with said human body,

when said uncarry detecting means detects that said transmitting means becomes uncarried with said human body, said transmitting means transmits uncarry information indicating this situation to said personal information terminal, and

said personal information terminal sends said uncarry information to said base station.

47. (Original) A state information detection and transmission apparatus according to Claims 34 or 40 wherein

said personal information terminal further comprises uncarry detecting means of detecting that said personal information terminal becomes uncarried with said human body, and

when said uncarry detecting means detects that said personal information terminal becomes uncarried with said human body, said sending means sends uncarry information indicating this situation to said base station.

48-52. (Cancelled).

53. (Currently Amended) ~~A—The~~ state information detection and transmission apparatus according to claim 34, comprising:

~~——physiological information detecting means of detecting the physiological information of a human body;~~

~~——transmitting means of transmitting said physiological information detected by said physiological information detecting means; and~~

said a wearable personal information terminal ~~having~~including ~~receiving means of receiving said physiological information from said transmitting means;~~ state detecting means of detecting all or part of the posture, action, and motion

state of said human body[[]] and said sending means ~~of~~ sending all or part of state information composed of said physiological information received by said receiving means and the information detected by said state detecting means, or alternatively all or part of state information generated by signal processing of said state information, to a said predetermined base station; wherein

said sending means sends said state information to said base station only when a substantial change occurs in at least a part of said physiological information received by said receiving means and said information detected by said state detecting means.

54. (Currently Amended) A—The state information detection and transmission method according to claim 35, said method further including comprising the steps-step of:

~~—detecting the physiological information of a human body;~~

~~—transmitting said detected physiological information; and~~

in a said wearable personal information terminal: ~~receiving said physiological information;~~ detecting all or part of the posture, action, and motion state of said human body; and said step of sending said received physiological information including sending all or part of state information composed of said received physiological information and said detected information, or alternatively all or part of state information generated by signal processing of said state information, to a-said predetermined base station; wherein

said state information is sent to said base station only when a substantial change occurs in at least a part of said received physiological information and said detected information.

55. (Currently Amended) A—The state information detection and transmission apparatus according to claim 34, comprising:

~~—physiological information detecting means of detecting the physiological information of a human body;~~

~~transmitting means of transmitting said physiological information detected by said physiological information detecting means; and~~

a said wearable personal information terminal including: having: receiving means of receiving said physiological information from said transmitting means; state detecting means of detecting all or part of the posture, action, and motion state of said human body[[]] ~~and said sending means of sending all or part of state information composed of said physiological information received by said receiving means and the information detected by said state detecting means, or alternatively all or part of state information generated by signal processing of said state information, to a said predetermined base station; wherein~~

said receiving means receives said physiological information from said transmitting means only when a substantial change occurs in the signal detected by said state detecting means.

56. (Currently Amended) ~~A—The~~ state information detection and transmission method according to claim 35, the method further including comprising the steps-step of:

~~detecting the physiological information of a human body;~~

~~transmitting said detected physiological information; and~~

in a said wearable personal information terminal: ~~receiving said physiological information;~~ detecting all or part of the posture, action, and motion state of said human body; and said step of sending said received physiological information includes sending all or part of state information composed of said received physiological information and said detected information, or alternatively all or part of state information generated by signal processing of said state information, to a said predetermined base station; wherein

said physiological information is received only when a substantial change occurs in said detected signal.

57. (Previously Presented) A state information detection and transmission apparatus according to Claims 53 or 55 wherein

said transmitting means is carried with said human body,

further comprised is uncarry detecting means of detecting that said transmitting means becomes uncarried with said human body and/or that said personal information terminal becomes uncarried with said human body,

when said uncarry detecting means detects that said transmitting means and/or said personal information terminal become uncarried with said human body, said transmitting means and/or said sending means transmits and/or sends uncarry information indicating these situations.

58. (Currently Amended) ~~A-The~~ wearable personal information terminal according to claim 36, said information terminal including having:

~~—receiving means of receiving physiological information from transmitting means of transmitting physiological information detected by physiological information detecting means of detecting the physiological information of a human body;~~

state detecting means of detecting all or part of the posture, action, and motion state of said human body; ~~and, wherein~~

said sending means of sending sends all or part of state information composed of said physiological information received by said receiving means and the information detected by said state detecting means, or alternatively all or part of state information generated by signal processing of said state information, to a said predetermined base station; wherein, and

said receiving means receives said physiological information from said transmitting means only when a substantial change occurs in the information detected by said state detecting means.

59. (Currently Amended) ~~A-The~~ personal information processing method according to claim 37, the method including comprising the steps-step of:

~~receiving detected and transmitted physiological information of a human body, by a predetermined personal information terminal;~~

detecting all or part of the posture, action, and motion state of said human body; and

said step of sending said received physiological information includes sending all or part of state information composed of said received physiological information and said detected information, or alternatively all or part of state information generated by signal processing of said state information, from said personal information terminal to a said predetermined base station; wherein

said physiological information is received only when a substantial change occurs in said detected information.

60. (Previously Presented) A personal information terminal according to any one of Claims 36, 42, and 58 further comprising notifying means of notifying abnormality information by means of sound or color, when all or part of said detected physiological information or said detected state information falls within the range of predetermined abnormality information.

61. (Previously Presented) An alarm notifying system comprising at least: a personal information terminal according to any one of Claims 36, 42, and 58; and a base station for receiving physiological information or state information from said personal information terminal by wireless; wherein

said personal information terminal comprises an alarm button to be arbitrarily pushed by a human body in order to notify an abnormality, and

said alarm notifying system further comprises notifying means of notifying, by means of sound or color, abnormality information indicating the abnormality when said alarm button is pushed.

62. (Previously Presented) An alarm notifying system comprising at least: a personal information terminal according to any one of Claims 36, 42, and 58; and

a base station for receiving physiological information or state information from said personal information terminal by wireless; wherein

said personal information terminal comprises an alarm button to be arbitrarily pushed by a human body in order to notify an abnormality, and

when said alarm button is pushed, abnormality information indicating the abnormality is sent from said personal information terminal to said base station.

63. (Previously Presented) A personal characteristics information acquisition system comprising: a personal information terminal according to any one of Claims 36, 42, and 58; a base station for receiving physiological information or state information from said personal information terminal by wireless; and personal characteristics information calculating means of obtaining the personal characteristics information of a human body on the basis of said physiological information or said state information received by said base station.

64-82. (Cancelled).

83. (Previously Presented) A state information detection and transmission apparatus according to Claim 53 wherein said transmitting means transmits said physiological information in every predetermined time interval.

84. (New) The state information detection and transmission apparatus according to claim 34, wherein

(1) said transmitting means transmits said physiological information detected by said physiological information detecting means to said personal information terminal in every predetermined time interval, or

(2) said receiving means receives said physiological information from said transmitting means in every predetermined time interval, or

(3) said sending means sends said physiological information to said base station in every predetermined time interval.

85. (New) The state information detection and transmission method according to claim 35, wherein

(1) said detected physiological information is transmitted to said personal information terminal in every predetermined time interval, or (2) said physiological information is received in every predetermined time interval, or (3) said physiological information is sent to said base station in every predetermined time interval.

86. (New) The wearable personal information terminal according to claim 36, wherein

(1) said receiving means receives said physiological information from said transmitting means in every predetermined time interval, or

(2) said sending means sends said physiological information to said base station in every predetermined time interval.

87. (New) The personal information processing method according to claim 37, wherein

(1) said physiological information is received in every predetermined time interval, or (2) said physiological information is sent to said base station in every predetermined time interval.

88. (New) The transmitting means according to claim 38, wherein

said transmitting means transmits said physiological information detected by said physiological information detecting means to said personal information terminal in every predetermined time interval.

89. (New) The transmitting method according to claim 39, wherein

said detected physiological information is transmitted to said personal information terminal in every predetermined time interval.